

Title (en)

NON-CONTACT POWER SUPPLY SYSTEM, NON-CONTACT POWER SUPPLY DEVICE, AND POWER SUPPLY TARGET DEVICE

Title (de)

KONTAKTLOSE STROMVERSORGUNGSSYSTEM, KONTAKTLOSE STROMVERSORGUNGSVORRICHTUNG UND STROMVERSORGUNGSZIELVORRICHTUNG

Title (fr)

SYSTÈME AINSI QUE DISPOSITIF D'ALIMENTATION ÉLECTRIQUE SANS CONTACT, ET DISPOSITIF FAISANT L'OBJET DE CETTE ALIMENTATION ÉLECTRIQUE

Publication

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Application

**EP 13791010 A 20130304**

Priority

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Abstract (en)

With a non-contact power supply system, a non-contact power supply device, and power supply target device of the present invention, power is supplied from a power supply coil of the non-contact power supply device to a power receiving coil of the power supply target device by non-contact power supply utilizing magnetic interaction. During the non-contact power supply, first, a power supply coil exhibiting a first interaction stronger than a predetermined reference interaction is selected as a candidate excitation coil, and a high-frequency voltage is supplied to the power supply coil of the candidate excitation coil. Second, a power supply coil exhibiting a second interaction weaker than the reference interaction and power supply coils adjacent to this power supply coil are selected as candidate excitation coils, and the high-frequency voltage is supplied to the power supply coils of these candidate excitation coils.

IPC 8 full level

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